

# Modern Veterinary Practice

## ANNUAL INDEX

VOLUME 60—NUMBERS 1-13 INCLUSIVE

JANUARY-DECEMBER, 1979

Copyright 1979 by American Veterinary Publications, Inc. Printed in the USA by the Wayside Press, Inc. Mendota, Illinois

### SUBJECT INDEX

#### A

Addison's disease; dogs	678
Adenocarcinoma, perianal; dog	1012
Advertising	578
Age determination; cattle	731
Alopecias; dogs, cats	35, 131, 221
Anaphylaxis; cattle	514
Anastomosis, intestinal, rectal stricture; swine	1022*
Anaplasmosis, testicular degeneration; cattle	1016*
Anesthesia, field; stressed animals	531
Anesthesia ventilation	120
Anesthetic death; pony	268
Aneurysm, ruptured; uterine artery; mare	316
Antibiotics—see Drugs	
Aorta rupture; horses	391
Arginine deficiency; cats	770
Associate, hiring	204, 282
Avian species	
hepatoma; mynah	925
tuberculosis, encephalitis; parrot	466

#### B

Behavior	
aggression, fear-induced; dogs	903
aggression, fear-induced; horse	835
masturbation; dogs	268
phobias, treatment	721
problems: learning principles	553
problems, multiple approaches to	651
Book reviews	
Ammann, et al: <i>Atlas of Topographical Surgical Anatomy of the Dog</i>	737
Baker & Juergenson: <i>Approved Practices in Swine Production</i>	574
Bath: <i>Dairy Cattle: Principles, Practices, Problems, Profits</i>	281
Biggart, ed: <i>Veterinary Clinics of North America, Vol 8, No 3 (Joint Diseases)</i>	42
Blakely & Bade: <i>The Science of Animal Husbandry</i>	941
Blood, et al: <i>Veterinary Medicine</i>	573
Bone: <i>Animal Anatomy and Physiology</i>	942

Fagerberg & Quarles: <i>Antibiotic Feeding, Antibiotic Resistance &amp; Alternatives</i>	364
Fowler: <i>Restraint and Handling of Wild and Domestic Animals</i>	364
Fowler: <i>Zoo and Wild Animal Medicine</i>	148
Fox: <i>Understanding Your Pet</i>	146
Haggerty & Benjamin: <i>Dog Tricks</i>	547
Haynes: <i>Keeping Livestock Healthy</i>	281
Hershorn: <i>Active Years for Your Aging Dog</i>	146
Hunsley, et al: <i>Livestock Judging, Selection and Evaluation</i>	148
Institute of Laboratory Animal Resources: <i>Guide for the Care and Use of Laboratory Animals</i>	574
Jaspersohn: <i>A Day in the Life of a Veterinarian</i>	364
Jensen: <i>Diseases of Feedlot Cattle</i>	364
Kealy: <i>Diagnostic Radiology of the Dog and Cat</i>	941
Leavitt, et al: <i>Animals and Their Legal Rights</i>	737
Loew & Wood: <i>Vet in the Saddle</i>	148
Logue: <i>The Wonder of It All</i>	738
Loon: <i>Small-Scale Pig Raising</i>	148
Lose: <i>Blessed Are the Brood Mares</i>	281
Manley: <i>A Veterinary Odyssey</i>	42
Markowitz & Stevens, eds: <i>Behavior of Captive Wild Animals</i>	281
McCullough & Morris, eds: <i>Implications of History and Ethics to Medicine—Veterinary and Human</i>	42
Monkhouse, ed: <i>Animal Health Products: Design and Evaluation</i>	42
Monks of New Skete: <i>How to Be Your Dog's Best Friend</i>	574
Myrus: <i>Dog Catalogue</i>	146
Nesheim, et al: <i>Poultry Production</i>	942
Nowell: <i>The Dog Crisis</i>	574
Otto, ed: <i>Proceedings of the Heartworm Symposium '77</i>	738
Philpot: <i>Mastitis Management</i>	573
Piermattei & Greeley: <i>An Atlas of Surgical Approaches to the Bones of the Dog and Cat</i>	941
Roberts, ed: <i>Fish Pathology</i>	281
Sainsbury: <i>Livestock Health and Housing</i>	738
Schebitz & Wilkins: <i>Atlas of Radiographic Anatomy of the Dog and Cat</i>	941

\* =Clinical Review

RB=MVP Red Book Edition

## BOOK REVIEWS

Schebitz & Wilkins: <i>Atlas of Radiographic Anatomy of the Horse</i> .....	941
Scott, ed: <i>The Care and Management of Farm Animals</i> .....	148
Theilen & Madewell: <i>Veterinary Cancer Medicine</i> .....	942
Thomson: <i>General Veterinary Pathology</i> .....	146
Toxicological Emergency Antidote Chart .....	738
<i>Veterinary Quarterly</i> .....	738
Watson, ed: <i>Artificial Breeding of Non-Domestic Animals</i> .....	573
Wingfield & Rawlings: <i>Small Animal Surgery: An Atlas of Operative Techniques</i> .....	942
Bovine practice .....	731
Bovine Practitioners, American Association of .....	239
Bovine species	
age determination, teeth .....	731
anaphylaxis .....	514
anaplasmosis, testicular degeneration .....	1016*
dental problems .....	639
dermatologic problems .....	172, 821
diarrhea, neonatal calf .....	318
downer cows .....	954
drinking water .....	1023
drugs, availability, selection .....	545
edematous swellings .....	975
feed efficiency, monensin sodium .....	576
feeder calf handling .....	267
feeding, energy .....	409
fertility, prostaglandin .....	403*
fluorosis, hypothyroidism, anemia .....	1017*
herd health program, cow-calf .....	786
hernioplasty, skin grafts; buffalo .....	907
hoof trimming .....	137
infertility, bull .....	52
John's disease .....	190, 731
liver flukes .....	86
mastitis, control of .....	241, 474
mastitis, economic losses .....	717*
metritis; dairy cows .....	354
milk fever .....	232*
papillomatosis, teat .....	1020*
parasitism, subclinical .....	164, 747
penile surgery .....	839, 931
preconditioning feeder calves .....	395
preventive medicine, dairy herds .....	6
<i>Salmonella</i> infection, chronic; calves .....	51*
<i>Salmonella</i> infection, pregnant heifers .....	911*
selenium deficiency .....	659
shipping fever .....	190, 473
splinting, coaptation .....	629
uterine prolapse .....	603
vulvitis, granular; ureaplasma infection .....	909*
Breeding—see Reproduction	
Bronchial foreign body; dog .....	469
Business Management—see Management	

### C

Calculi, urate; dogs .....	356
Calicivirus infection; cats .....	912*
Canine species	
Addison's disease .....	678
adenocarcinoma, perianal .....	1012
aggression, fear-induced .....	903

alopecias .....	35, 131, 221
bronchial foreign body .....	469
calculi, urate .....	356
carcinoma, prostate .....	401
cerebellar degeneration; Collies .....	150*
chylothorax .....	976
corneal lesions; conjunctival patch grafts .....	301
cytoplasmic inclusions, urinary bladder .....	1017*
dermatologic disease, inherited; Dobermans .....	434
dermatosis .....	877
diabetes insipidus, central .....	615
dyscrasias, blood; Dobermans .....	92
dysplasia, hip .....	255
dysplasia, hip, inheritance .....	897
dysplasia, hip, preventive .....	775
ear cropping, tail docking, early spaying .....	436
electrosurgery, cranial cruciate ligament rupture .....	557
encephalopathy, hepatic; patent ductus venosus .....	558*
endocarditis, bacterial; polyarthritis .....	50*
enteritis, parvoviral .....	558*
enteritis, viral .....	375
geriatric problems .....	1051
heartworms .....	8, 417, 684
heartworms in ejaculate .....	909
heartworm treatment, drug interactions .....	975
hernia, peritoneopericardial diaphragmatic .....	306
hiccups .....	512
hyperinsulinism .....	995
IgM deficiency; Dobermans .....	150
immunodeficiencies, endocrinopathy .....	811
leiomyosarcoma, intestinal .....	621
lipemias, ocular manifestations .....	48
longevity .....	61
lymphadenitis, necrotizing .....	890
masturbation .....	268
mycoses, systemic .....	210, 294
myocarditis, fatal diffuse subacute .....	718*
myotectomy; luxation .....	190
neoplasms, mammary .....	828*
ocular tumors .....	383, 459, 539
orthopedic fixation device failure .....	154
pancreatitis .....	86, 445
patent ductus arteriosus .....	23
penis and prepuce, lesions .....	712
peritonitis, larval cestode .....	910*
Perthes' disease, induced .....	1021*
polyarteritis; Beagles .....	308*
prostatic disease .....	356
radiographic positioning, heart shadow .....	801
tattoos, identification .....	411
thrombocytopenia, drug-induced .....	603
vaginitis .....	434
vices .....	756
xylazine, abdominal distention .....	433
Carcinogens; environment .....	275
Carcinoma, canine prostate .....	401
Castration, effect on mating .....	1040
Cerebellar degeneration; Collies .....	150*
Cholesteatoma, cerebral; horses .....	726
Chylothorax; dog .....	976
Client education .....	14
Client relations .....	251, 336, 662

221	Clotting defect; cat	872
469	Clover disease, masculinization; ewes	830*
356	Colitis, histiocytic; cat	911*
401	Colitis syndrome; horses	939
150*	Continuing education	500
976	Corneal lesions; conjunctival patch grafts; dogs	301
301	Cytoplasmic inclusions, urinary bladder; dogs	1017*

## D

434	Declawing, neonatal; cats	6
877	Dental problems; cattle	639
615	Dentistry; horses	551
92	Dermatologic disease, inherited; Dobermans	434
255	Dermatologic problems; cattle	172, 821
897	Dermatophyte test	872
775	Dermatosis; dog	877
436	Diabetes insipidus, central; dogs	615
557	Diarrhea, neonatal calf	318
558*	Diarrhea, protozoal; horses	512
50*	DNP toxicity; St Bernard	87
558*	Downer cows	954
375	Drinking water; cattle	1023
1051	Drugs	
684	availability, selection	545
909	consolidated catalog	RB
975	DES	833
306	distributors	RB
512	DNP toxicity, St Bernard	87
995	interactions; heartworm treatment	975
150	monensin sodium, feed efficiency; cattle	576
811	New for Your Pharmacy	332, 487, 844
621	new listings	RB
48	parasite drug resistance; horses	433
61	preanesthetic agents, antiarrhythmic effect	270
890	product listing	RB
268	prostaglandin, fertility; cattle	403*
0, 294	pyrantel, parasitism	948
718*	reactions; editorial	764
190	therapeutic index	RB
828*	thrombocytopenia; dogs	603
9, 539	xylazine, abdominal distention; dogs	433
154	Dyscrasias, blood; Dobermans	92
6, 445	Dysentery, swine	475, 665
23	Dysphagia; horses	1029
712	Dysplasia, hip; dogs	255
910*	Dysplasia, hip, inheritance; dogs	897
1021*	Dysplasia, hip, preventive; dogs	775
308*		
356		

## E

801	Ear cropping, tail docking, early spaying	436
411	Editorial	
603	associates as people	262
434	changing attitudes; clients	350
756	continuing education	500
433	drug reactions	764
275	food-animal practitioners	426
401	Little Report	182
1040	oversupply or underutilization; veterinarians	78
150*	patient bias	866
726	time off	962
976	veterinarian, definition of	672
14	Electrosurgery, cranial cruciate ligament rupture; dogs	557
36, 662		

Emergency clinic, solo ownership	357
Emergency hours; easing the burden	289
Emphysema, pulmonary cystic; piglets	232*
Emphysema, tissue & axillary wounds; horses	47
Employees, hiring	490
Encephalopathy, hepatic; patent ductus venosus; dogs	558*
Endocarditis, bacterial; polyarthritis; dogs	50*
Enteritis, parvoviral; dogs	558*
Enteritis, viral; dogs	375
Equine species	

aggression, fear-induced, treatment	835
anesthetic death; pony	268
aneurysm, ruptured; uterine artery	316
aorta rupture	391
axillary wounds, tissue emphysema	47
cholesteatoma, cerebral	726
colitis syndrome	939
dentistry	551
diarrhea, protozoal	512
dysphagia	1029
foals, care of	71
insurance claims, causes	853
joint infection, foals	140
myeloencephalitis, herpesvirus	470*
necropsy	29, 109
neuritis, cauda equina	228
parascaris infection, hepatic lesions	718*
parasite drug resistance	433
parasitism, diagnosis	548
parasitism, skin; diagnostic aids	548
police horse practice	603
postural reflexes	392
pseudopregnancy	152*
radiography, general	1035
reproductive problems	584
sacroiliac luxation	44
selenium deficiency	550
spavin	724
splint bones, radiography	56
strangles, sequelae	463
teeth; radiography	561
thorax, radiography	323
uterine infections	6
Equipment, guide to buying	RB
Estrus suppression; cats	267
Estrus synchronization; swine	678
Ethics, veterinary	878
Ethology—see Behavior	

## F

Fecal flotation quantitation	770
Feed additives, livestock	68
Feed efficiency, monensin sodium; cattle	576
Feeding, energy; cattle	409
Feeding, selenium deficiency; cattle	659
Feline practice	884
Feline species	
alopecias	35, 131, 221
arginine deficiency	770
calicivirus infection	912*
clotting defect	872
colitis, histiocytic	911*

# FELINE

declawing, neonatal	6
ear mite medication	192
estrus suppression	267
gingivitis, chronic	859
herpesvirus, skin ulceration	717*
hydronephrosis	827
liver flukes	190
lymphoma, gastric malignant	701
megacolon, acquired	625
methylmercurialism, chronic	310*
respiratory disease, upper	341
FelLV testing, in-hospital	946
Fluorosis, hypothyroidism, anemia; cattle	1017*
Foals, care of	71
Food-animal practitioners, challenges facing	438
Food-animal practitioners; editorial	426

## G

Geriatric problems; dogs	1051
Gingivitis, chronic; cats	859
Goats, swollen knees	86
Growth promoters, DES	833
Guinea pig, vertebral subluxation	231

## H

Heartworms; dogs	8, 417, 684
Heartworms in ejaculate; dog	909
Heat therapy, conductive	525
Hepatoma; mynah	925
Herd health program, cow-calf	786
Hernia, peritoneopericardial diaphragmatic; dogs	306
Hernioplasty, skin grafts; buffalo	907
Herpesvirus, skin ulceration; cats	717*
Hiccups; dogs	512
Hoof trimming; cattle	137
Hospital rehabilitation	194
Hydronephrosis; cat	827
Hyperinsulinism; dog	995

## I

IgM deficiency; Dobermans	150
Immunodeficiencies, endocrinopathy; dogs	811
Insurance, claims, causes; horses	853

## J

Johne's disease; cattle	190, 731
Joint infection; foals	140
Joint injury; radiography; dogs	233

## K

Knees, swollen; goats	86
-----------------------	----

## L

Laboratory medicine	
FelLV testing	946
T <sub>4</sub> testing	1042
Leiomyosarcoma, intestinal; dogs	621
Lipemias, ocular manifestations; dogs	48
Liver flukes; cats	190
Liver flukes; cattle, sheep	86
Longevity; dogs	61
Lymphadenitis, necrotizing; dog	890

Lymphoma, gastric malignant; cats	701
-----------------------------------	-----

## M

Management, business procedures	
associate, hiring	204, 282
associates	262
client education	14
diversification; boarding, grooming	515
emergency clinic, solo ownership	357
employees, hiring	490
hospital rehabilitation	194
Mastitis, control of	241, 474
Mastitis, economic losses	717*
Masturbation; dogs	268
Megacolon, acquired; cats	625
Methylmercurialism; cats	310*
Metritis; dairy cows	354
Milk fever; dairy cattle	232*
Mites, ear, medication; cats	192
Mobile clinics	98
Mycoses, systemic; lab diagnosis; dogs	210, 294
Myeloencephalitis, herpesvirus; horses	470*
Myocarditis, fatal diffuse subacute; pups	718*
Myotectomy; luxation; dogs	190

## N

Neoplasms, mammary; dogs	828*
Neuritis, cauda equina	228
Nutrition—see Feeding	

## O

Ocular tumors; dogs	383, 459, 539
Orthopedic fixation device failure; dogs	154
Ovariohysterectomy, early, opposition to	436
Ovine species	
clover disease, masculinization, ewes	830*
liver flukes	86
nursing lambs, diseases	494

## P

Pancreatitis; dogs	86, 445
Papillomatosis, teat; cattle	1020*
Parascaris infection, hepatic lesions; foals	718*
Parasitism	
ascarids, migrating; swine	948
diagnosis; horses	548
fecal flotation	770
skin; diagnostic aids; horses	548
subclinical; beef cattle	747
subclinical; dairy cattle	164
Parvovirus infection, prenatal; swine	910*
Patent ductus arteriosus; dogs	23
Penile surgery; cattle	839, 931
Penis and prepuce, lesions; dogs	712
Peritonitis, larval cestode; dog	910*
Perthes' disease, induced; puppies	1021*
Pet-facilitated therapy for humans	707
Pharmacy—see Drugs	
Phobias, treatment	721
Photography, clinical	634
Physical therapy	
heat, conductive	525

underwater exercise	115
Police horse practice	603
Political activism	696, 983
Polyarteritis; Beagles	308*
Postural reflexes; foals	392
Preanesthetic agents, antiarrhythmic effect	270
Preconditioning feeder calves	395
Preventive medicine, dairy herds	6
Prostatic disease; dogs	356
Public relations	16, 361
Public speaking	691
Puffer sow syndrome	512

## Q

Quiz	
anesthesia; alopecias; underwater exercise	162
bovine clinical workup	743, 944
canine clinical workup	246, 848, 1044
coccidiosis; cattle	406
equine radiology; PDA; alopecias	66
feline clinical workup	643
mycoses, systemic; dogs	311
ocular tumors; heat therapy; field anesthesia	570
osteomyelitis; dogs	482

## R

Rabies quarantine	683
Rabies vaccination sites	354
Radiography	
equine, general	1035
equine splint bones	56
equine thorax	323
joint injury; dogs	233
orthopedic fixation device failure	154
positioning, heart shadow; dogs	801
teeth; horses	561
Relief veterinarians	608, 610
Reproduction—see also Estrus	
castration, effect on mating	1040
infertility, bull	52
problems; mares	584
prostaglandin, fertility; cattle	403*
pseudopregnancy; mares	152*
Research, veterinary practitioners	794
Research, veterinary, WSU	453
Respiratory disease, upper, cats	341
Ride & Tie; endurance race	688

## S

Sacroiliac luxation; horses	44
Salmonella infection; pregnant heifers	911*
Salmonella infection, chronic; calves	51*
Selenium deficiency; horses	550
Shipping fever; cattle	190, 473
Skin—see Dermatologic	
Spavin; horses	724
Spaying—see Ovariohysterectomy	
Splinting, coaptation; cattle	629
Strangles, sequelae; horses	463
Surgery—see specific organ or system	
Swine	
anastomosis, intestinal; rectal stricture	1022*

dysentery, treatment	475, 665
emphysema, pulmonary cystic	232*
estrus synchronization	678
herd health program	334
parasitism, migrating ascarids	948
parvovirus infection, prenatal	910*
puffer sow syndrome	512
testicular atrophy	267

## T

Tattoos, identification; dogs	411
Taxes—see Management, Business Procedures	
Teeth—see also Dental	
age determination; cattle	731
radiography; horses	561
Testicular atrophy; boars	267
T4 testing	1042
Thrombocytopenia; dogs	603
Tuberculosis, encephalitis; parrot	466

## U

Underwater exercise; physical therapy	115
Uterine infections; mares	6
Uterine prolapse; cattle	603

## V

Vaginitis; dogs	434
Vascular injuries	1004
Vertebral subluxation, guinea pig	231
Veterinarian, definition; editorial	672
Veterinary education, class of '79	370
Veterinary practice	
client relations	950
client relations, patient bias	866
communication	1048
compulsion	167
emergency hours	289
guilt	856
mobile clinics	98
overwork	962
relief veterinarians	608, 610
selling	779
Veterinary practitioners, research	794
Veterinary profession	
advertising	578
client attitudes	350
diversification, business	515
ethics, predation	878
food-animal practitioners	426, 438
future prospects	197
Little Report	182
oversupply or underutilization	78
overwork vs leisure	988
political action	696, 983
problems in 1957	180
public relations	16, 361
research	483
retirement	750
training, tragi-scandal	104
Vices; dogs	756
Vulvitis, granular; ureaplasma infection;	
cattle	909*



## AUTHOR INDEX

- |                        |   |                        |  |
|------------------------|---|------------------------|--|
| Ackerman, N. ....      | 154, 233  | Perkins, R. L. ....    | 801                                      |
| Albers, B. ....        | 361   | Plechner, A. J. ....   | 150, 811                                 |
| Alvarenga, J. de ....  | 469   | Pollock, R. V. H. .... | 375                                      |
| Amstutz, H. E. ....    | 52, 137, 239, 318, 395, 473, 545,<br>639, 731, 821, 917, 1023 | Prasad, B. ....        | 907                                      |
| Antelyes, J. ....      | 61, 167, 251, 336, 411, 490,<br>578, 662, 750, 857, 950, 1048 | Probst, C. W. ....     | 445                                      |
| Archibald, J. ....     | 1004  | Quick, C. B. ....      | 56, 323, 561                             |
| Austin, V. H. ....     | 35, 130, 221  | Rabaut, S. M. ....     | 401                                      |
| Battersby, M. E. ....  | 194   | Radostits, O. M. ....  | 438, 786                                 |
| Beaumont, P. R. ....   | 890   | Rantanen, N. W. ....   | 1029                                     |
| Boyer, M. E. ....      | 275   | Rendano, V. T. ....    | 56, 323, 561, 1035                       |
| Burns, S. T. ....      | 634   | Reynolds, G. E. ....   | 550                                      |
| Bustad, L. K. ....     | 707   | Rooney, J. R. ....     | 44, 140, 228, 316, 391,<br>463, 724, 878 |
| Carlson, R. E. ....    | 948   | Schulman, J. ....      | 306                                      |
| Carmichael, L. E. .... | 375   | Sedgwick, C. J. ....   | 120, 531                                 |
| Dodd, D. C. ....       | 29, 109   | Sharma, S. N. ....     | 907                                      |
| Dooley, D. R. ....     | 779   | Silverman, S. ....     | 154, 233                                 |
| Downer, A. ....        | 115, 525  | Singh, J. ....         | 907                                      |
| Farber, J. ....        | 357   | Smith, S. L. ....      | 625                                      |
| Farrow, C. S. ....     | 625   | Snyder, G. M. ....     | 466                                      |
| Feldman, E. C. ....    | 23, 445, 615, 995   | Sodikoff, C. ....      | 946, 1042                                |
| Fisher, T. M. ....     | 48, 897   | Sokolovsky, V. ....    | 1004                                     |
| Fuller, W. J. ....     | 436   | Spira, A. ....         | 925                                      |
| Gallagher, D. P. ....  | 204, 283  | Stannard, A. A. ....   | 548                                      |
| Glauberg, A. F. ....   | 890   | Stopiglia, A. J. ....  | 469                                      |
| Grant, B. D. ....      | 1029  | Townsend, C. ....      | 688                                      |
| Greenhall, J. E. ....  | 853   | Uhler, S. P. ....      | 983                                      |
| Hammons, J. R. ....    | 231   | Vail, C. D. ....       | 551                                      |
| Hayes, J. L. ....      | 827   | Voith, V. L. ....      | 553, 651, 721, 835, 903, 1040            |
| Holt, J. C. ....       | 1004  | Wagner, P. C. ....     | 1029                                     |
| Hornof, W. J. ....     | 701   | Walker, D. F. ....     | 629, 839, 931                            |
| Hubbard, G. ....       | 104   | Watrous, B. J. ....    | 1035                                     |
| Hudson, E. B. ....     | 625   | Weinland, K. M. ....   | 474                                      |
| Kelch, W. J. ....      | 401   | Weller, R. E. ....     | 621, 701                                 |
| King, J. M. ....       | 24, 109   | Wescott, R. B. ....    | 548                                      |
| Kohli, R. N. ....      | 907   | Wilson, G. L. ....     | 939                                      |
| Kuhns, E. L. ....      | 301   |                        |  |
| Kumar V. Rama ....     | 907   |                        |  |
| Lambert, R. D. ....    | 557   |                        |  |
| Leininger, T. I. ....  | 204, 283  |                        |  |
| Lindley, W. H. ....    | 47  |                        |  |
| Martin, B. W. de ....  | 469   |                        |  |
| Maxfield, A. L. ....   | 1012  |                        |  |
| Morton, L. E. ....     | 909   |                        |  |
| Ndiritu, C. G. ....    | 712   |                        |  |
| Newson, M. E. ....     | 29, 109   |                        |  |
| Nielsen, Svend W. .... | 210, 294  |                        |  |
| O'Brian, E. ....       | 621   |                        |  |
| O'Kelley, J. ....      | 14  |                        |  |
| Parent, J. ....        | 23  |                        |  |
| Peiffer, R. L. ....    | 383, 459, 539   |                        |  |

